

## Homeostasis

Sr	Questions	Answers Choice
1	The plant which have broad leaves and a large.	A. <b>Hydrophytes</b> B. Xerophytes C. Halophytes D. Bryophytes
2	When the human body temperature rises above normal, which of the following is a homeostatic response to cool down?	A. Shivering B. Vasoconstriction of blood vessels in the skin C. <b>Increased sweat production</b> D. Piloerection (goosebumps)
3	What is the primary purpose of homeostasis in plants?	A. To increase photosynthesis rate. B. <b>To maintain a stable internal environment.</b> C. To attract pollinators. D. To enhance nutrient absorption from the soil.
4	Calcium oxalate is deposited in the form of crystals in the leaves and stems of.	A. Pines B. <b>Tomatoes</b> C. Rubber D. Keekar
5	The process which maintain the internal condition of body at equilibrium despite changes in the external environment is called.	A. <b>Homeostasis</b> B. Excretion C. Absorption D. Tubular Secretion
6	Which of the following is a common symptom of kidney stones?	A. Increased appetite B. <b>Severe pain in the lower back or side</b> C. Clear urine with no odor D. High fever with skin rash
7	During lithotripsy stone is removed by.	A. Surgery B. Medicines C. Electrical Shock waves D. <b>Non-Electrical shock waves</b>
8	How many ureters take part in human excetory system:	A. two B. one C. three D. five
9	What is the main role of the urinary bladder?	A. To produce urine B. <b>To store urine temporarily before urination</b> C. To filter blood D. To transport urine from the body
10	The exudation of water droplets from the margins of leaves, especially in humid conditions, is known as:	A. Transpiration B. <b>Guttation</b> C. Evaporation D. Condensation
11	The process of guttation occurs in the plant.	A. Pine B. <b>Grass</b> C. Keekar D. Rubber plant
12	A methods for the removal of kidney stone is.	A. Peritoneal Dialysis B. Haemodialysis C. Kidney transplant D. <b>Lithotripsy</b>
13	Rubber plant secretes.	A. Rubber B. <b>Latex</b> C. Mucilage D. Resin
14	Amount of Urea in normal chemical composition is.	A. 9.3 g/l B. 1.87 g/l C. 1.17 g/l D. 0.75 g/l

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15 Resins are removed by plants:

A. Conifers  
B. Lady finger  
C. Grasses  
D. Keekar

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16 What is the primary function of dialysis in patients with kidney failure?

A. To stimulate kidney regeneration  
B. To filter waste products and excess fluid from the blood  
C. To increase blood pressure  
D. To produce essential hormones

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17 The weight of human kidney is about.

A. 5 g  
B. 10 g  
C. 17 g  
D. 27 g

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18 Thermoregulation is the process by which the body maintains a constant internal temperature. Which of the following is an effector response to high body temperature?

A. Shivering to generate heat.  
B. Constriction of blood vessels in the skin.  
C. Sweating to release heat.  
D. Increased metabolic rate.

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19 Urine is temporarily stored in which of these until it is released from body.

A. Kidney  
B. Ureter  
C. Urinary bladder  
D. Urethra

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20 Stomata play a crucial role in homeostasis by regulating the exchange of gases and the loss of water. Which cells primarily control the opening and closing of stomata?

A. Epidermal cells  
B. Palisade cells  
C. Guard cells  
D. Xylem cells

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